



HARMONIC BALANCER INSTALL GUIDE

TECH NOTES

It is recommended to inspect your harmonic balancer for damages at least once a year, or if you feel any engine vibration. Specifically, you should look for any cracks, bulges, and inspect for oil leaks that may be leaking on the harmonic balancer.

In performance applications, especially ones running higher RPM, it is recommended to frequently check the torque of your harmonic balancer bolt or bolts to ensure they are properly torqued. Turning higher RPM can increase the chances of the bolts coming loose.

For 2001-2011 GM 6.6L Duramax applications, it is common to shear off the factory crankshaft dowel pin which can lead to costly repairs. Our **Crankshaft Dowel Pin Kit XD331** addresses this issue by adding a second dowel to help prevent the factory dowel pin from shearing off. (Pictured Right)



INSTALLATION

These instructions are provided as supplementary information to the factory service manual instructions for harmonic balancer replacement.

1. **REMOVE YOUR SERPENTINE BELT FROM YOUR VEHICLE** - **Tech tip:** With the belt removed, now would be a good time to inspect your belt, belt tensioner, and idler pulleys and replace as needed.
2. **REMOVE THE BOLT(S) THAT SECURE THE BALANCER TO THE CRANKSHAFT OF THE ENGINE** - In some applications, this may require a flywheel lock tool.
3. **CAREFULLY REMOVE THE BALANCER FROM THE ENGINE USING A PULLER IF NECESSARY** - **Tech Tip:** Regardless if your front crankshaft seal is leaking or not, now would be a good time to **REPLACE** it while the balancer is off.
4. **INSTALL YOUR NEW XDP BALANCER TO THE ENGINE** - **It is strongly recommended to install NEW bolts with your new balancer.**
5. **TORQUE THE BALANCER BOLT(S) TO THE RECOMMENDED TORQUE SPECIFICATIONS FOR THE BOLTS YOU USE**
6. **INSTALL THE SERPENTINE BELT FOLLOWING THE FACTORY ROUTING**



WARRANTY

Products manufactured by XDP carry a 2-Year Unlimited Mileage warranty against defects in materials and craftsmanship. The Warranty is Limited to two (2) years from the date of sale and limited solely to the parts contained within the product's kit. All products that are in question of Warranty must be returned shipping prepaid to XDP and must be accompanied by a dated proof of purchase receipt. Warranty is limited to the original purchaser.



FOR MOST DIESEL APPLICATIONS

FORD

- XD700 - 1994-2003 7.3L Powerstroke
- XD706 - 2011-2023 6.7L Powerstroke
- XD707 - 2008-2010 6.4L Powerstroke
- XD714 - 1994-2003 7.3L Powerstroke
- XD720 - 2008-2010 6.4L Powerstroke

DODGE / RAM

- XD634 - 1989-1998 5.9L Cummins
- XD635 - 1998.5-2002 5.9L Cummins
- XD703 - 2007.5-2018 6.7L Cummins
- XD704 - 2003-2007 5.9L Cummins
- XD705 - 1989-1993 5.9L Cummins
- XD711 - 1994-1998 5.9L Cummins
- XD712 - 1998.5-2002 5.9L Cummins
- XD718 - 1989-1993 5.9L Cummins

CHEVY / GMC

- XD708 - 2011-2016 GM 6.6L Duramax LML/LGH
- XD709 - 2001-2005 GM 6.6L Duramax LB7/LLY
- XD710 - 2006-2010 GM 6.6L Duramax LLY/LBZ/LMM
- XD722 - 2001-2005 GM 6.6L Duramax LB7/LLY
- XD723 - 2006-2010 GM 6.6L Duramax LLY/LBZ/LMM

FOR MORE INFORMATION VISIT XDP.COM OR CALL US AT 1-888-343-7354